

**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015**

14.06.10

**Tender No: NITT/ CSE/ Digital System Lab /1/ 2010**

Sealed Tenders are invited from reputed manufactures/ Stockists/ Firms for the item listed in the Annexure. Annexure contains detailed specifications.

The cover should be addressed to **The Registrar, National Institute of Technology, Tiruchirappalli-620 015** with super script on cover quoting our Tender Notification No... / Department.

The terms and conditions must be clear. Necessary user list, brochure of product and all supporting documents to be attached with tenders.

This Institution avails excise duty exemption & customs duty exemption as per Government of India Notification.

Forms "C" & "D" for sales tax concession cannot be issued.

Price must be for F.O.R. Trichy. Validity period, Warranty clause etc are to be mentioned clearly.

The Director reserves the right to reject any or all the offers without assigning any reasons thereto.

Last Date for Receipt of Tender: **July 07, 2010** **3.00 P.M.**

Tender Opening on: **July 07, 2010** **3.30 P.M.**

## **Annexure**

***Tender specifications for Digital Trainer Kit and consumables are enclosed.***

It is proposed to purchase approximately 25 *Digital Trainer Kit and consumables* for Computer Science and Engineering department. Quotations are invited for the following item:

***1. Specification of Digital Trainer Kit: (with 3 Years Warranty ) - 20 Nos***

1. 10 logic I/O
2. BCD-Decimal Display – 2
3. Mono & Variable clock
4. 7 Segment Display -1
5. Fixed power supply 5V,12V
6. Potentio meter -2
7. Breadboard – 2

***2. Specification of the universal VLSI trainer: - 2 Nos***

1. Accomodates any 1.2V, 1.5V, 1.8V, 2.5V, 3.3V and 5.0V devices
2. Upto 180 user definable Input/output (I/O) pins available at 10 Nos of 20 Pin Headers.
3. On board PLL circuitry to generate different clock frequencies upto 100 MHZ frequency.
4. VGA Interface, PS-2 Keyboard/Mouse Interface, 4x4 Matrix push button keyboard, 20 × 4 Alpha Numeric LCD display, One RS232 Serial port interface, 4 Digit 7 Segment LED display and one parallel printer port are required as on board features.

**3. Consumables : IC's (74XX series - TTL integrated circuits made by Texas Instruments )**

<b>S.No</b>	<b>Consumables</b>	<b>Approximate Quantity</b>
1	IC's : 7400 ,7402 , 7404 , 7408, 7410, 7420 , 7432, 74151 7447 ,7474, 7476 , 7483, 7486 , 74147, 74155, 7421, 74153, 7411, 74148, 4072, 4075, 74181	Each 50
2	Single Stand Wire Coil	05
3	Sleeve Remover	10
4	Component Box ( 10" X 4" X 3")	20
5	Plastic Tray ( 12" X 20 " X 5" )	05
6	Extension Board ( 5 Plug Points with individual Switches)with surge protection	05